

Homework 2

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Summary of iris data set

	SepalLength	SepalWidth	PetalLength	PetalWidth
Min.	4.300	2.000	1.000	0.100
1st Qu.	5.100	2.800	1.600	0.300
Median	5.800	3.000	4.350	1.300
Mean	5.843	3.057	3.758	1.199
3rd Qu.	6.400	3.300	5.100	1.800
Max.	7.900	4.400	6.900	2.500

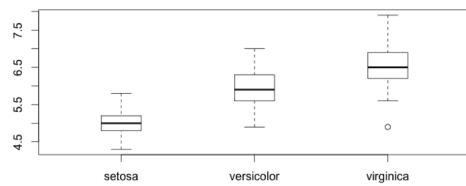
Table 1: the summary of iris data set

For three species involved in the iris data set, four variables are measured for each of the species, which are sepal length, seppal width, petal length, and petal width.

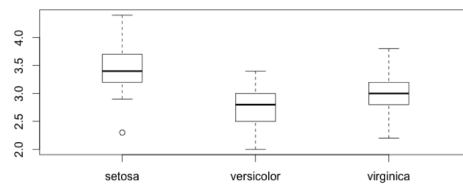
“Generally”,as shown by the table 1,the minimum value of Sepal length is 4.3,maximum value is 7.9, and mean value is 5.843. As for the sepal width, the minimum is 2.0, maximum is 4.4 and mean is 3.057. Coming to the petal length, the minimum is 1.0, maximum is 6.9, and mean is 3.758. Finally, the petal width’s minimum is 0.1, maximum is 2.5 and mean is 1.199. The sepal length and sepal width have a bigger value compared with the petal lenght and petal width respectively.

Add a pdf figure to directory this file is stored in.

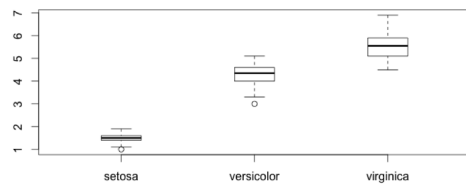
Code for the figure commented out below:



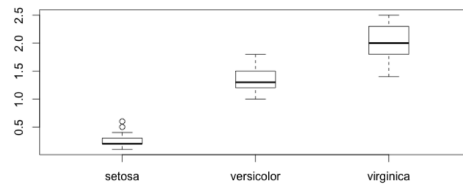
(a) Sepal length by Species



(b) Sepal width by Species



(c) Petal length by Species



(d) Petal width by Species

Figure 1: title.